

SUBMERSIBLE PUMPS

6" STAINLESS STEEL SR SERIES



FEATURES

- Stainless steel impellers and diffusers to resist corrosion
- Heavy-duty stainless steel shell assures permanent alignment of all components to increase longevity and enables higher pressures than strap designs
- PTFE floating wear ring, ceramic bearing journal, and nitrile rubber fluted bearing ensure durability against wear for long-lasting performance and reliability
- Suited to operate in a horizontal position
- Built-in check valve to protect the pump against water hammer
- Energy-efficient hydraulic design for cost-effective operation

SPECIFICATIONS

- Capacities of 175–325 gpm
- 140 °F / 60 °C (304 stainless steel) and 194 °F / 90 °C (316 stainless steel) maximum operating temperature
- Maximum allowable amount of sand is 100 ppm

APPLICATIONS

- Industrial
- Agricultural
- Commercial



SUBMERSIBLE PUMPS

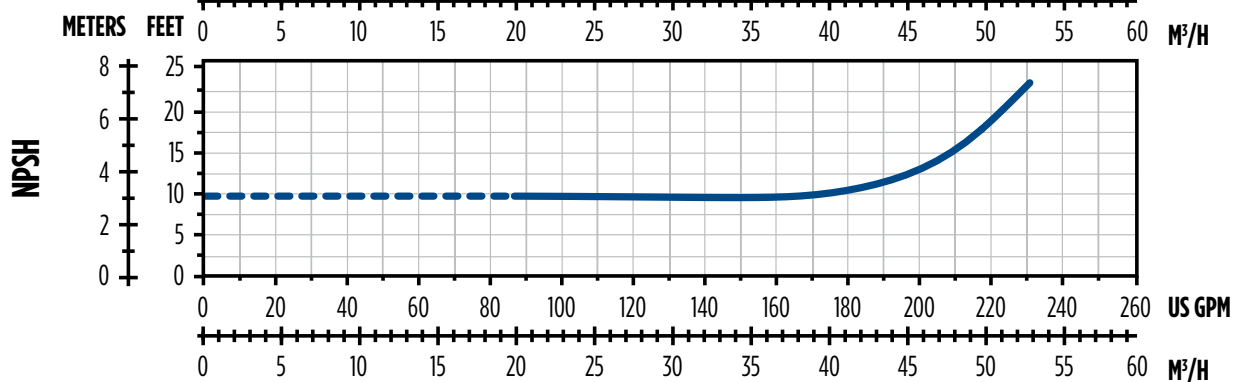
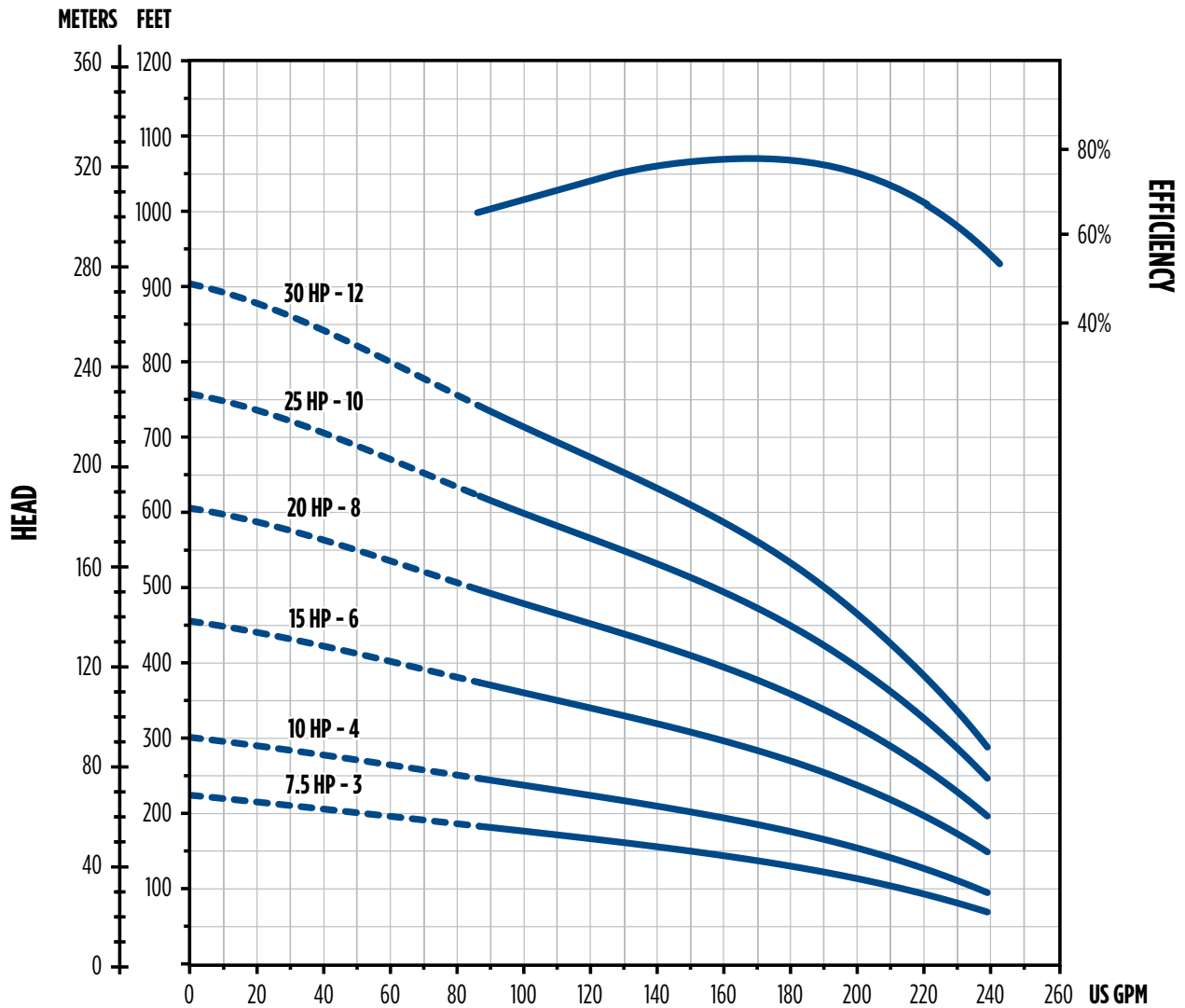
6" STAINLESS STEEL SR SERIES



PERFORMANCE

175 GPM

Basic Model	PEI _{CL} Number
175SR	0.91



Recommended Operating Range

SUBMERSIBLE PUMPS

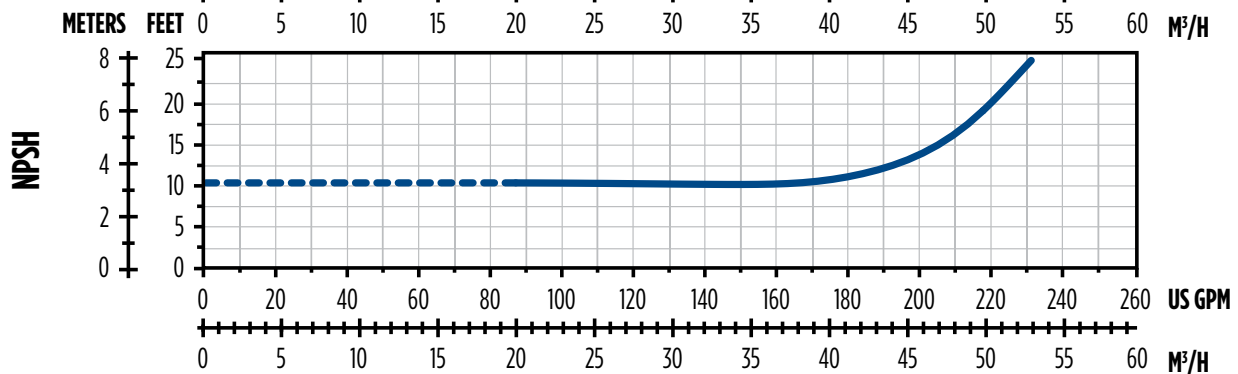
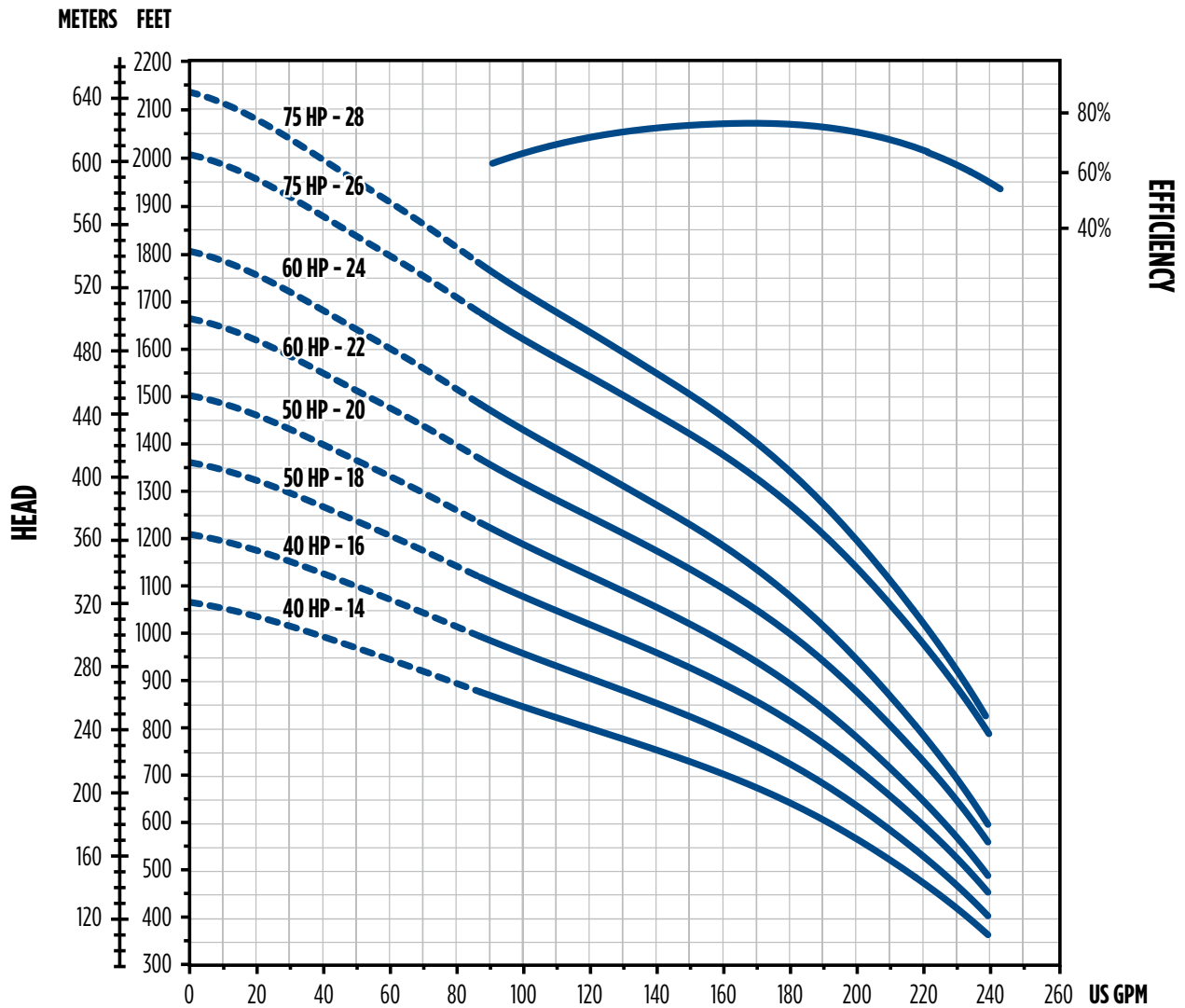
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PERFORMANCE

175 GPM

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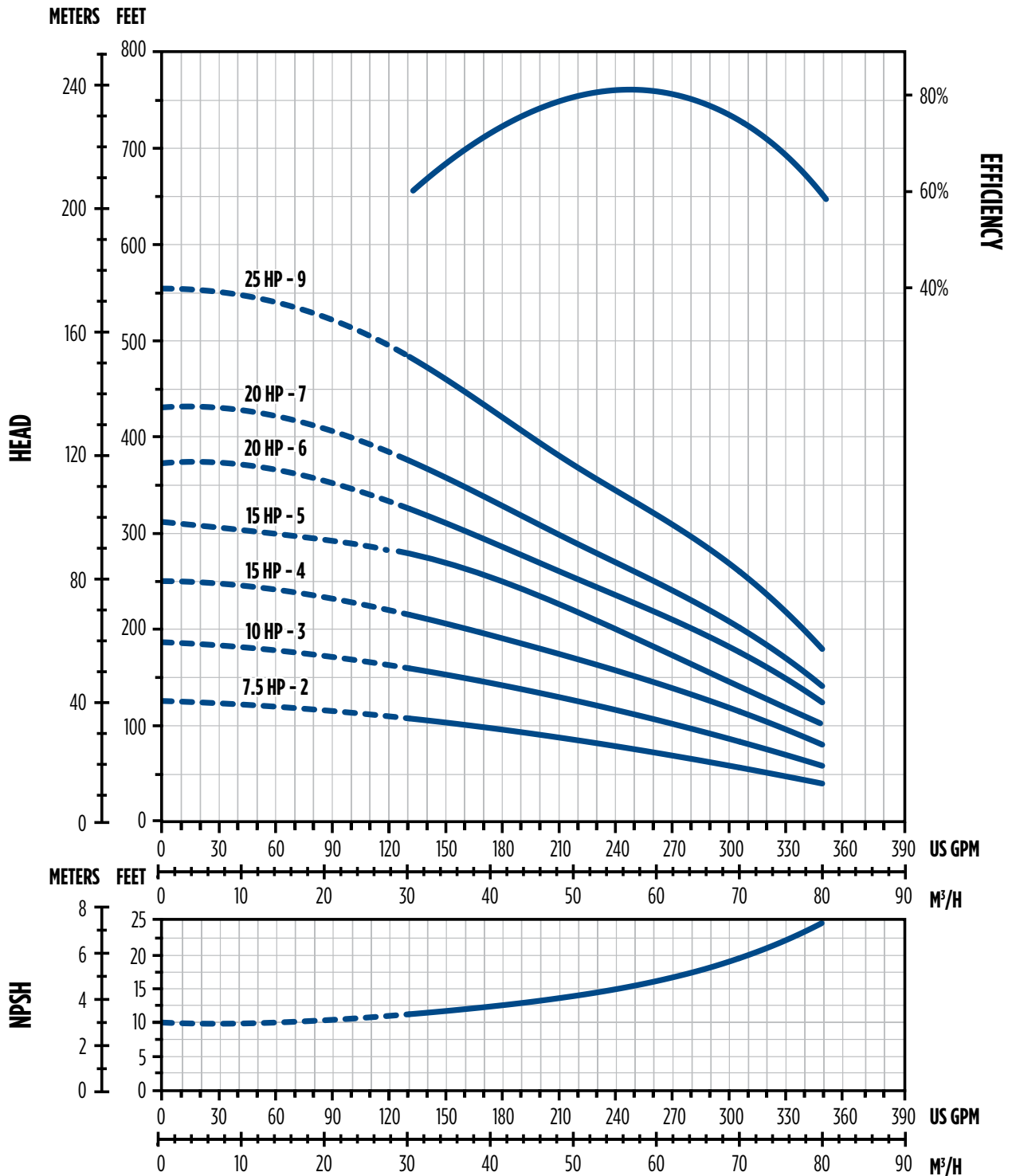
6" STAINLESS STEEL SR SERIES



PERFORMANCE

250 GPM

Basic Model	PEI _{CL} Number
250SR	0.89



SUBMERSIBLE PUMPS

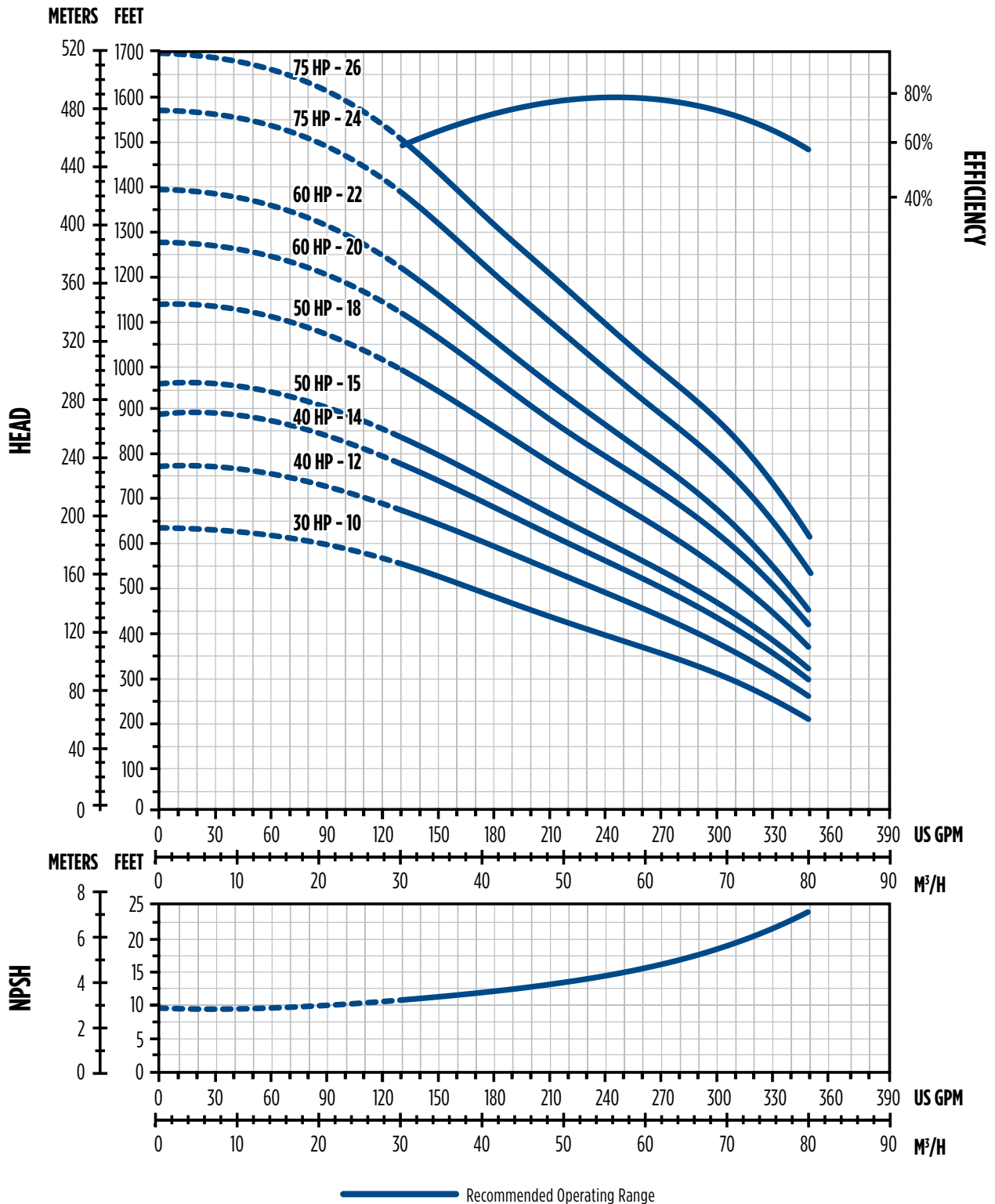
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PERFORMANCE

250 GPM

Basic Model	PEI _{CL} Number
250SR	0.89



SUBMERSIBLE PUMPS

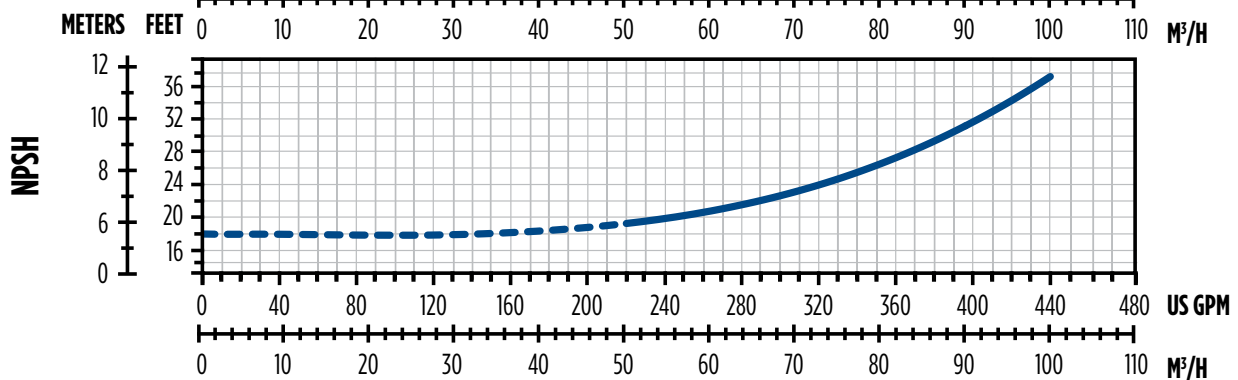
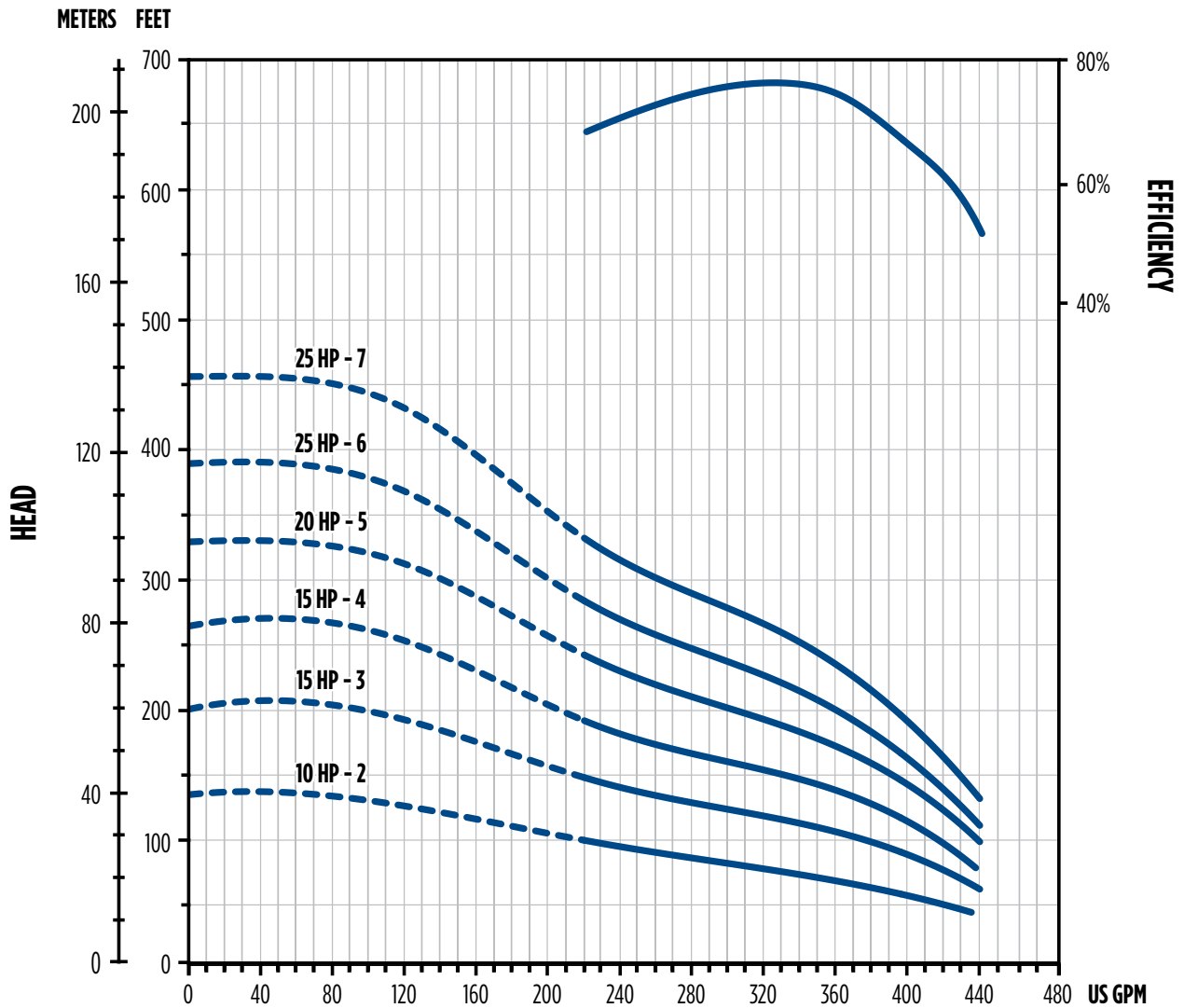
6" STAINLESS STEEL SR SERIES



PERFORMANCE

325 GPM

Basic Model	PEI _{CL} Number
325SR	0.91



— Recommended Operating Range

SUBMERSIBLE PUMPS

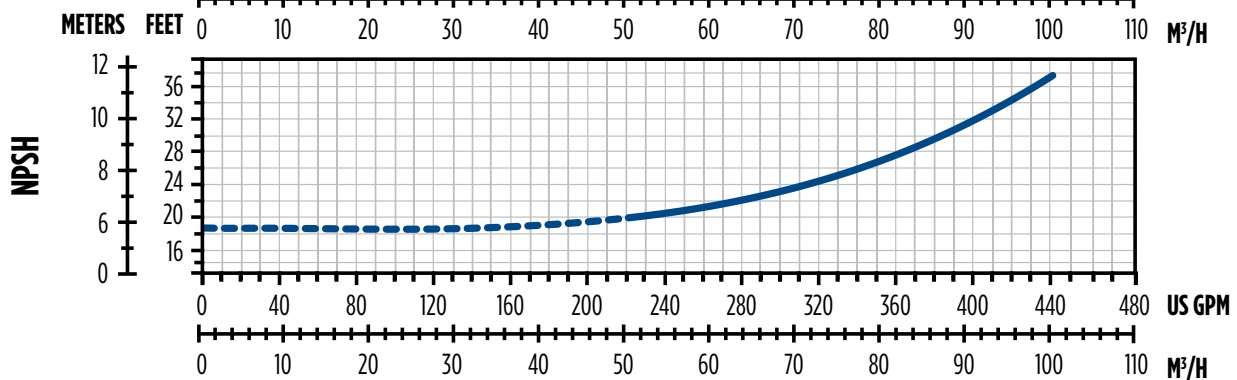
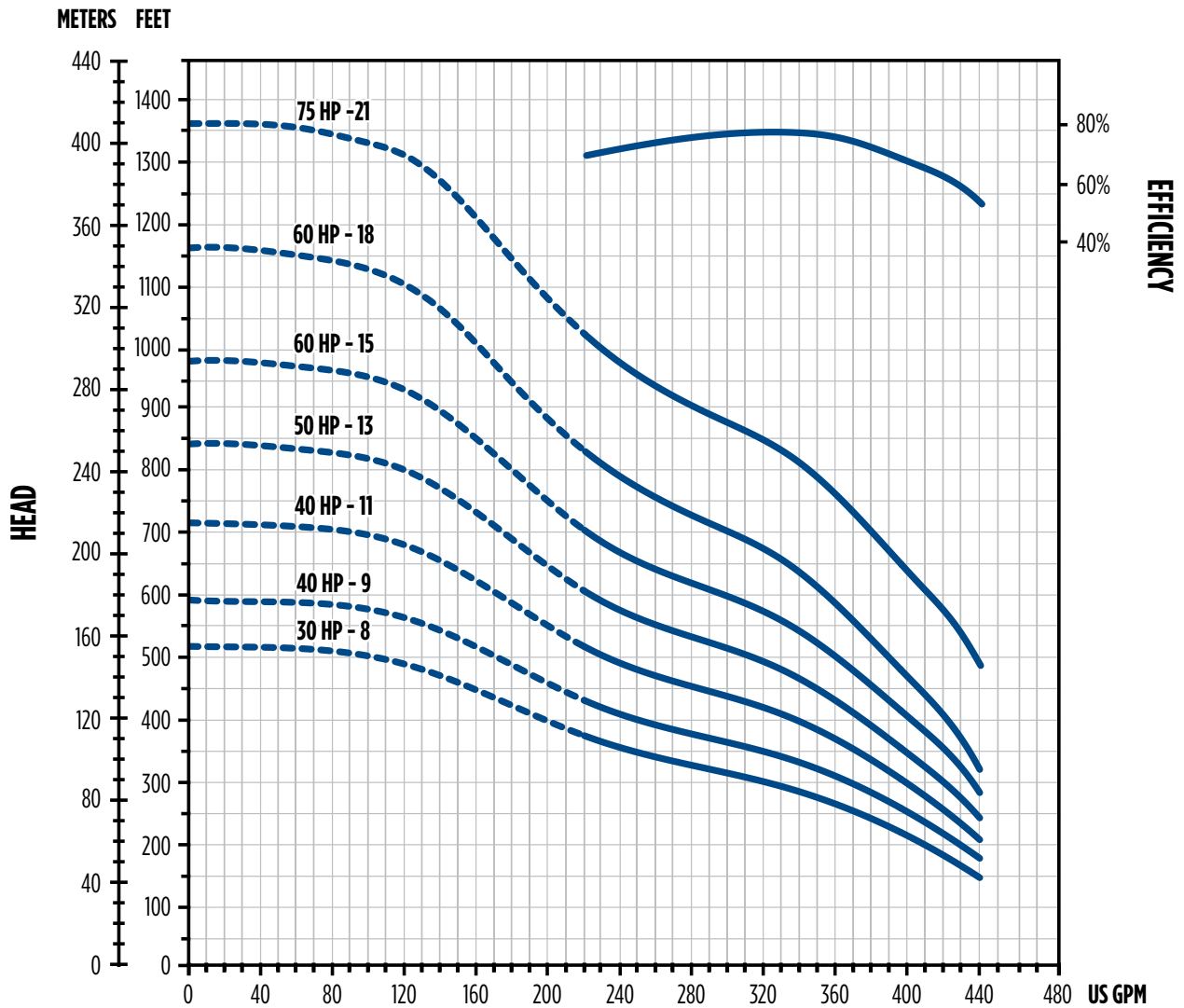
6" STAINLESS STEEL SR SERIES



PERFORMANCE

325 GPM

Basic Model	PEI _{CL} Number
325SR	0.91



— Recommended Operating Range

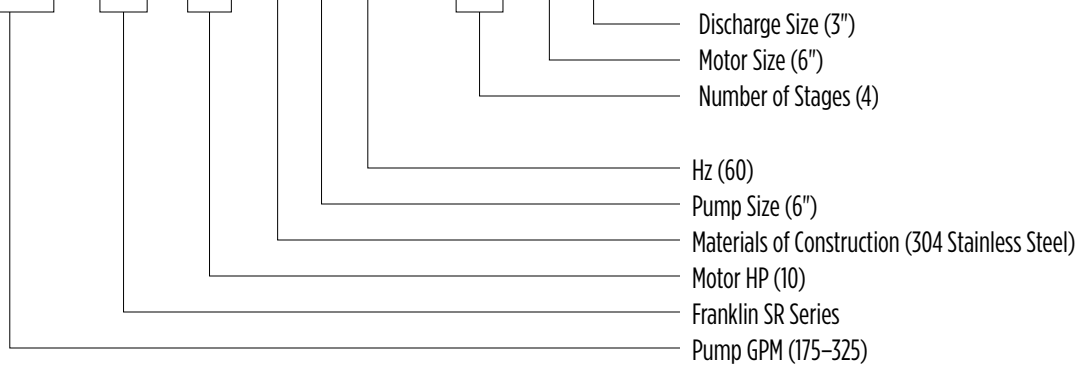
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6" STAINLESS STEEL SR SERIES



MODEL NOMENCLATURE

1 5 0 S R 1 0 F 6 6 - 0 4 6 3



ORDER INFORMATION

175 GPM

GPM	Stages	HP	Motor Size (in)	Basic Model	PEI _{CL}	304 SS		316 SS	
						Order No.	Description	Order No.	Description
175	3	7.5	6	175SR	0.91	97160175003	175SR7F66-0363	97161175003	175SR7S66-0363
	4	10				97160175004	175SR10F66-0463	97161175004	175SR10S66-0463
	6	15				97160175006	175SR15F66-0663	97161175006	175SR15S66-0663
	8	20				97160175008	175SR20F66-0863	97161175008	175SR20S66-0863
	10	25				97160175010	175SR25F66-1063	97161175010	175SR25S66-1063
	12	30				97160175012	175SR30F66-1263	97161175012	175SR30S66-1263
	14	40				97160175014	175SR40F66-1463	97161175014	175SR40S66-1463
	16	40				97160175016	175SR40F66-1663	97161175016	175SR40S66-1663
	18	50				97160175018	175SR50F66-1863	97161175018	175SR50S66-1863
	20	50				97160175020	175SR50F66-2063	97161175020	175SR50S66-2063
	22	60				97160175022	175SR60F66-2263	97161175022	175SR60S66-2263
	24	60				97160175024	175SR60F66-2463	97161175024	175SR60S66-2463
	26	75*				97160175026	175SR75F66-2683	97161175026	175SR75S66-2683
	28	75*				97160175028	175SR75F66-2883	97161175028	175SR75S66-2883

NOTE: 4" Motor Adapter Kit (Order No. 305473001) available for 10 hp models and below.

*Must order 6x8" motor adapter kit (Order No. 305473002).

SUBMERSIBLE PUMPS

6" STAINLESS STEEL SR SERIES



ORDER INFORMATION

250 GPM

GPM	Stages	HP	Motor Size (in)	Basic Model	PEI _{CL}	304 SS		316 SS	
						Order No.	Description	Order No.	Description
250	2	7.5	6	250SR	0.89	97160250002	250SR7F66-0263	97161250002	250SR7S66-0263
	3	10				97160250003	250SR10F66-0363	97161250003	250SR10S66-0363
	4	15				97160250004	250SR15F66-0463	97161250004	250SR15S66-0463
	5	15				97160250005	250SR15F66-0563	97161250005	250SR15S66-0563
	6	20				97160250006	250SR20F66-0663	97161250006	250SR20S66-0663
	7	20				97160250007	250SR20F66-0763	97161250007	250SR20S66-0763
	9	25				97160250009	250SR25F66-0963	97161250009	250SR25S66-0963
	10	30				97160250010	250SR30F66-1063	97161250010	250SR30S66-1063
	12	40				97160250012	250SR40F66-1263	97161250012	250SR40S66-1263
	14	40				97160250014	250SR40F66-1463	97161250014	250SR40S66-1463
	15	50				97160250015	250SR50F66-1563	97161250015	250SR50S66-1563
	18	50				97160250018	250SR50F66-1863	97161250018	250SR50S66-1863
	20	60				97160250020	250SR60F66-2063	97161250020	250SR60S66-2063
	22	60				97160250022	250SR60F66-2263	97161250022	250SR60S66-2063
	24	75*				8	-	-	97160250024
	26	75*	97160250026	250SR75F66-2683	97161250026				250SR75S66-2683

NOTE: 4" Motor Adapter Kit (Order No. 305473001) available for 10 hp models and below.

*Must order 6x8" motor adapter kit (Order No. 305473002).

ORDER INFORMATION

325 GPM

GPM	Stages	HP	Motor Size (in)	Basic Model	PEI _{CL}	304 SS		316 SS				
						Order No.	Description	Order No.	Description			
325	2	10	6	325SR	0.91	97160325003	325SR10F66-0263	97161325003	325SR10S66-0263			
	3	15				97160325004	325SR15F66-0363	97161325004	325SR15S66-0363			
	4	15				97160325005	325SR15F66-0463	97161325005	325SR15S66-0463			
	5	20				97160325006	325SR20F66-0563	97161325006	325SR20S66-0563			
	6	25				97160325007	325SR25F66-0663	97161325007	325SR25S66-0663			
	7	25				97160325008	325SR25F66-0763	97161325008	325SR25S66-0763			
	8	30				97160325009	325SR30F66-0864	97161325009	325SR30S66-0864			
	9	40				97160325010	325SR40F66-0964	97161325010	325SR40S66-0964			
	11	40				97160325012	325SR40F66-1164	97161325012	325SR40S66-1164			
	13	50				97160325014	325SR50F66-1364	97161325014	325SR50S66-1364			
	15	60				97160325016	325SR60F66-1564	97161325016	325SR60S66-1564			
	18	60				97160325019	325SR60F66-1864	97161325019	325SR60S66-1864			
	21	75*				8	-	-	97160325022	325SR75F66-2184	97161325022	325SR75S66-2184

NOTE: 4" Motor Adapter Kit (Order No. 305473001) available for 10 hp models and below.

*Must order 6x8" motor adapter kit (Order No. 305473002).

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6" STAINLESS STEEL SR SERIES

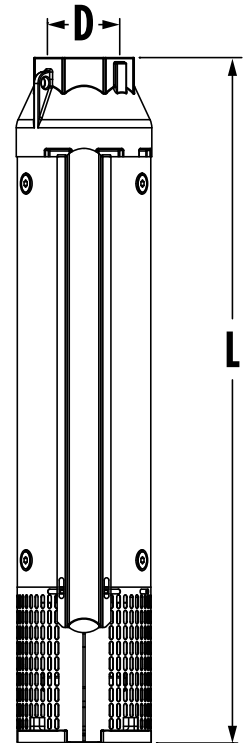


DIMENSIONS

175 GPM

HP	Stages	D (in)	Motor Size (in)	Dia. w/Cable Guard (in)	L (in)	Wt. (lbs)
7.5	3	3 NPT	6	5.63	24.41	32.4
10	4				27.78	37.0
15	6				34.49	46.3
20	8				41.22	56.0
25	10				47.95	64.8
30	12				54.68	74.1
40	14				61.42	83.3
40	16				68.13	92.6
50	18				74.86	101.6
50	20				81.59	110.9
60	22				88.31	120.2
60	24				95.04	129.4
75	26				105.69	159.8
75	28				112.40	164.2

Note: D = Discharge, L = Pump Length



DIMENSIONS

250 GPM

HP	Stages	D (in)	Motor Size (in)	Dia. w/Cable Guard (in)	L (in)	Wt. (lbs)
7.5	2	3 NPT	6	5.63	23.29	29.8
10	3				27.78	35.6
15	4				32.26	41.4
15	5				36.75	47.6
20	6				41.22	52.9
20	7				45.71	58.6
25	9				54.68	70.1
30	10				59.17	75.9
40	12				68.13	87.4
40	14				77.11	98.8
50	15				81.59	104.5
50	18				95.04	121.9
60	20				104.00	133.3
60	22				112.95	144.8
75	24				125.85	169.8
75	26				134.80	181.9

NOTE: D = Discharge, L = Pump Length

DIMENSIONS

325 GPM

HP	Stages	D (in)	Motor Size (in)	Dia. w/Cable Guard (in)	L (in)	Wt. (lbs)
10	2	3 NPT	6	5.63	23.29	29.9
15	3				27.78	35.7
15	4				32.26	41.5
20	5				36.75	47.2
25	6				41.22	53.0
25	7				45.71	58.8
30	8				50.20	64.5
40	9				54.68	70.3
40	11	63.66			81.8	
50	13	72.62			93.4	
60	15	81.59			104.7	
60	18	95.40			122.2	
75	21	112.40			153.2	

NOTE: D = Discharge, L = Pump Length

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MATERIALS

Parts Description	Type	304 SS		316 SS	
		AISI	DIN / EN	AISI	DIN / EN
Discharge Head	Stainless Steel	304	1.430	316	1.440
Valve	Stainless Steel	316	1.440	316	1.440
Sealing O-ring	Nitrile Rubber (NBR)	-	-	-	-
Outer Case Locking Nuts	Stainless Steel	316	1.440	316	1.440
Outer Case	Stainless Steel	304	1.430	316	1.440
Suction Strainer	Stainless Steel	316	1.440	316	1.440
Cable Guard	Stainless Steel	316	1.440	316	1.440
Initial Spacer	Stainless Steel	304	1.430	316	1.440
Flange and Screws	Stainless Steel	304	1.430	316	1.440
Motor Adapter	Stainless Steel	304	1.430	316	1.440
Pump Shaft	Stainless Steel	431	1.406	316/329	1.4401 / 1.4460
Coupling	Stainless Steel	431 / 329	1.4057 / 1.4460	316/329	1.4401 / 1.4460
Upper / Lower Upthrust Washer	Stainless Steel	316	1.440	316	1.440
Upper Journal Sleeve	Stainless Steel w/ Tungsten Carbide (Widia)	316	1.440	316	1.440
Screw and Washer	Stainless Steel	316	1.440	316	1.440
Upthrust Ring	PTFE	-	-	-	-
Lower Spacer	Stainless Steel	316	1.440	316	1.440
Diffuser	Stainless Steel	304	1.430	316	1.440
Secondary Bearing Bushing	Nitrile Rubber (NBR)	-	-	-	-
Floating Neck Ring	PTFE	-	-	-	-
Flange Clamping Neck Ring	Stainless Steel	304	1.430	316	1.440
Bearing Bushing	Nitrile Rubber (NBR)	-	-	-	-
Last / Intermediate Diffuser	Stainless Steel	316	1.440	316	1.440
First Stage	Stainless Steel	316	1.440	316	1.440
Impeller / Wear Ring	Stainless Steel	304	1.430	316	1.440
Split Cone / Secondary Journal Sleeve	Stainless Steel	316	1.440	316	1.440
Split Cone Nut / Intermediate Cone Nut	Stainless Steel	316	1.440	316	1.440
Upthrust Split Cone Nut	Stainless Steel	316	1.440	316	1.440

